

Installation instruction do88 performance intercooler pipes for Volvo S60 V60 XC60 V70 XC70 S80 3.0L T6

Part number: TR-160

This instruction shows how to replace the OEM intercooler pipes with do88 performance intercooler pipes.

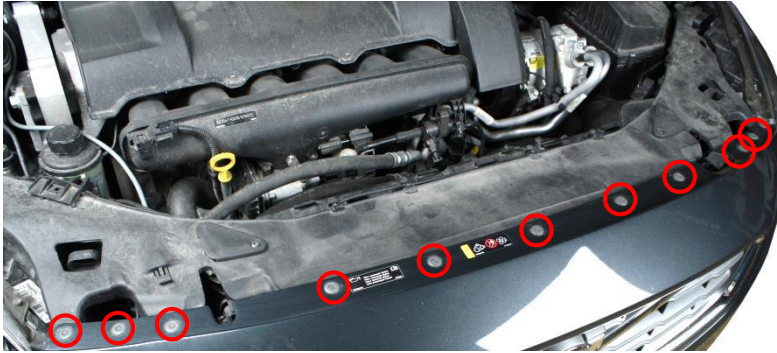
At this type of installation we always recommend that you have mechanical experience and knowledge about safety during work on vehicles

Parts included:

1. Pipe Turbo to Intercooler
2. Pipe Intercooler to Throttle body
3. Silicone hose Turbo outlet
4. Silicone hose Intercooler inlet
5. Silicone hose Intercooler outlet
6. Silicone hose Throttle body
7. Hose clamps 8pcs
8. Silicone caps 4mm 2pcs



1. Loosen the 10 plastic rivets on top of the bumper by pressing the middle part down and then pull rivet up by its collar.



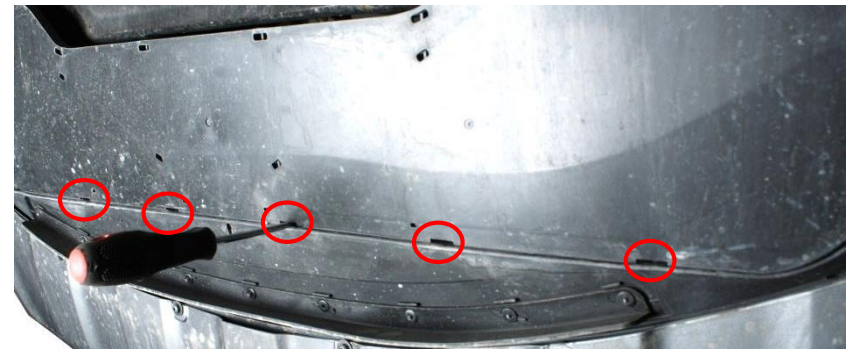
2. In the wheel arch on both sides, remove 4pcs Torx T25.



3. Remove the head lights. On both sides pull the two large plastic locking pins straight up.
Gently pull the head light forward until you can reach and disconnect the cable connector.



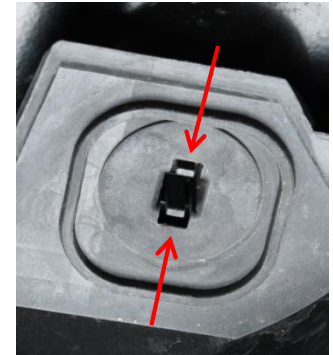
4. Remove the plastic cover underneath the radiator. With a flat screwdriver pry the plastic tabs so you can fold down the front part of this plastic cover.



5. On both sides remove 1 pc Torx T25 in the front lower end in each wheel arch.

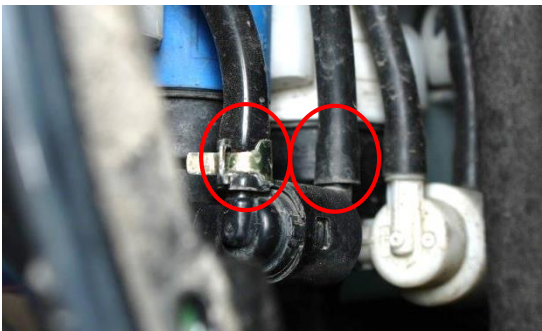


6. In the lower edge of the bumper remove 3pcs plastic rivets. Press both the plastic tabs towards the middle and then gently pull it out in its collar.



7. Inside the left wheel arch behind the inner fender you need to disconnect the hoses for the head light washers (if your car is equipped with this).

Carefully pull the hoses of their connections and then immediately seal the connections on the pump with the included silicone caps to prevent leakage.



8. On both sides behind the inner fenders pry the bumper plastic over the plastic clip edge with a flat screw driver.



9. This step should be performed with the help of an assistant.

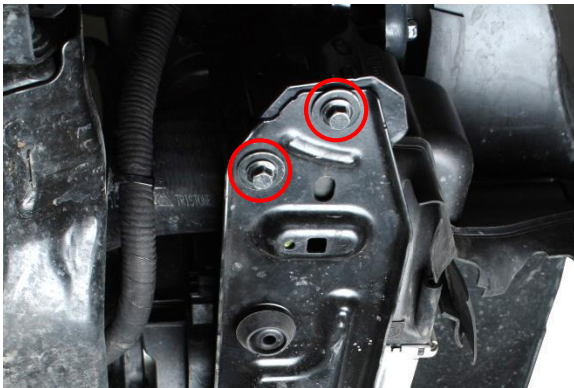
On both sides, pull the bumper cover out from the fender to loosen the plastic clips that holds it in place.

Remove the bumper cover from vehicle by gently pulling it straight forward from car until it comes loose from clips.

Once the bumper is about 15cm out from the car, disconnect the two large cable connectors located in the front of the right inner fender.

Now remove the bumper from the car.

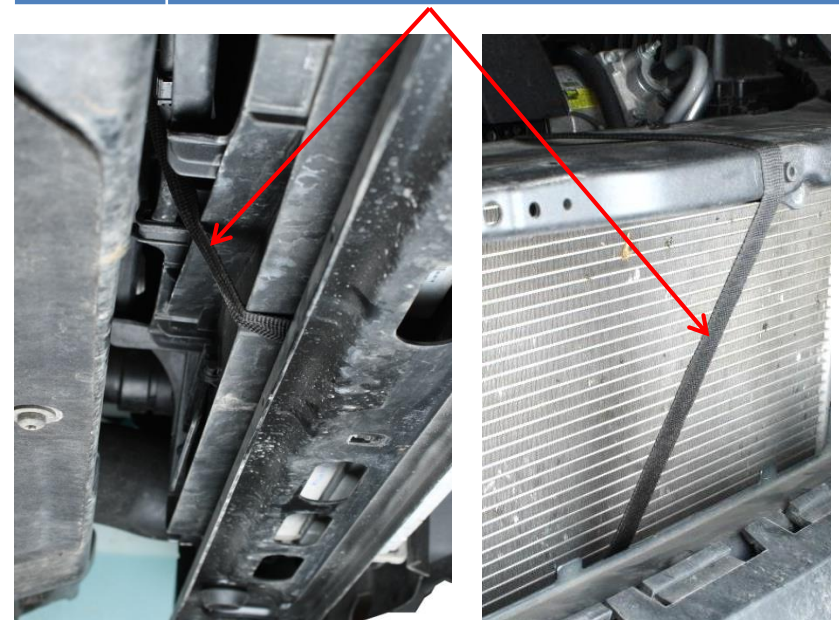
11. On both sides of the radiator support member remove 2x Hex 10mm.
Remove it from the vehicle.



10. To be able to remove intercooler the lower radiator support member must be removed. While this is removed the radiator and AC-condenser needs to be supported.

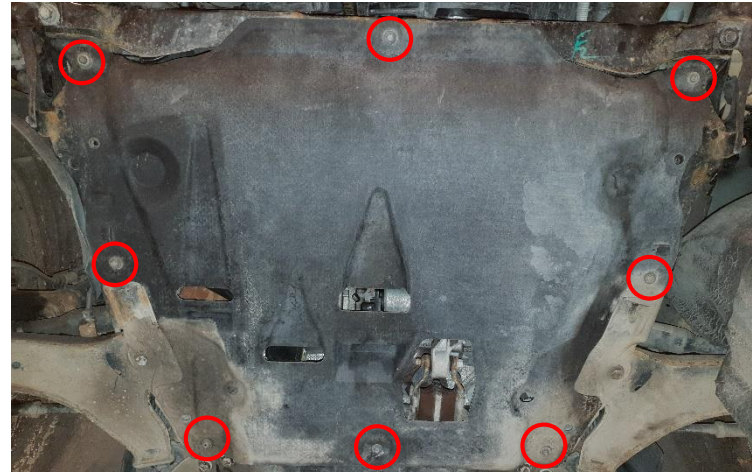
Use one or two long straps to support the radiator and AC-condenser.

Pull the strap in the gap between the AC-condenser and intercooler, then in gap between the bottom of the radiator and the radiator support member. Before tightening the strap make sure it does not damage anything.



12. Loosen the hose clamps on both the intercooler inlet and outlet.

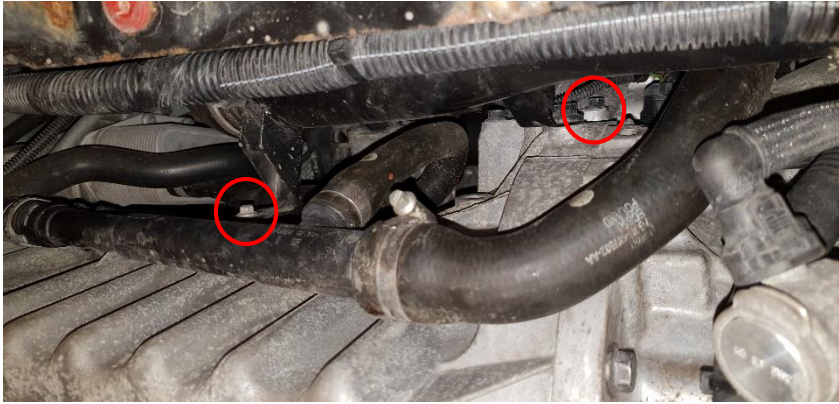
13. Remove plastic cover underneath the engine. 8x Torx T30 Screws.



14. Remove 3x Hex 8mm screws from pipe between turbo and intercooler inlet. Then loosen all three remaining hose clamps and then remove pipe and both hoses.



16. On the pipe between intercooler and throttle body, remove 1x Hex 8mm screw and 1x Hex 13mm screw. Loosen hose the clamps at throttle body and intercooler outlet hose. Then remove pipe and hoses.



17. Install the do88 intercooler pipe (gently slide it in the slot between oil pan and chassis as arrow shows on photo), tighten it with two of the OEM screw. Then install the turbo outlet hose.



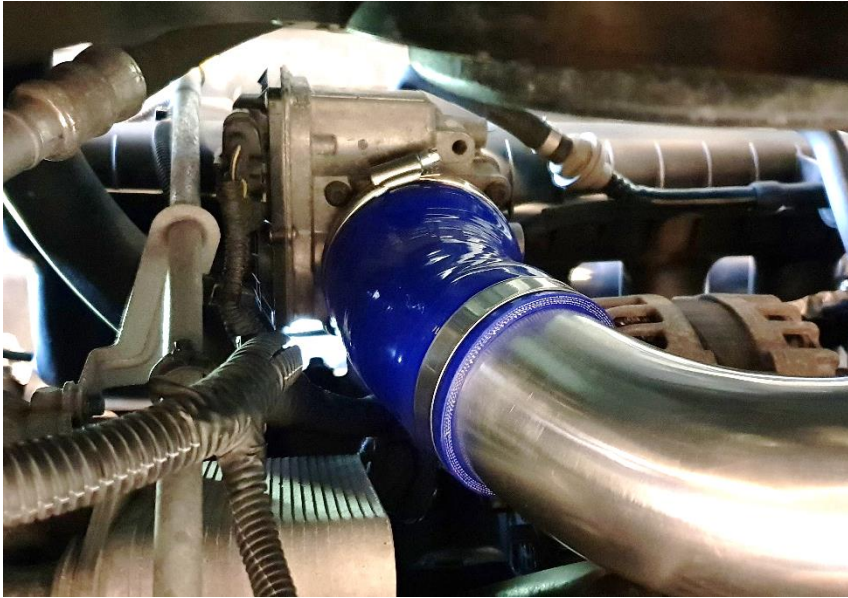
16. Install the intercooler inlet hose, don't tighten the hose clamp yet.



18. Install and tighten all four hose clamps.



19. Install the throttle body hose, don't tighten the hose clamp yet.



21. Install all other parts in reverse order.

20. Install the do88 intercooler pipe, fasten it with the screws removed in step 16. Turn the throttle body hose until it is in a good position between throttle body and do88 pressure pipe. Then install the intercooler outlet hose and tighten all four hose clamps

